AUTHOR INDEX

VOLUME 16

Aarnaes, Sandra, 1030
Acres, S. D., 34
Aeilts, Gloria D., 218
Ahluwalia, Gurmukh S., 53
Ajello, Libero, 943
Albert, M. John, 731
Albritton, William L., 826
Alexander, Gary A., 587
Aliferopoulou, Marianthi, 458
Allen, Stephen D., 1007
Almeida, Roy J., 1155
Andiman, Warren A., 345
Anhalt, John P., 400
Anthony, Bascom F., 350
Appelbaum, Peter C., 558
Aquino, Tomas I., 659
Araj, George F., 46
Araujo, J. Galba, 103
Archibold, E. R., 637
Arden Jones, Marcus P., 995
Arita, Michiko, 60
Armfield, A. Y., 948
Armstrong, Donald, 96, 545
Arrobio, Julita O., 478
Artis, William M., 1043
Asbury, Mary F., 775
Ashley, C. R., 377
Ashton, John K., 668
Atkinson, Barbara T., 70
Aucoin, Paula, 595
Axelsen, N. H., 608

Babiuk, L. A., 34
Badal, Robert E., 257, 1145
Balachandran, N., 205
Balsbaugh, Richard K., 715
Barker, Frederick G., 53
Barksdale, L., 988
Barrett, Timothy J., 195, 808
Barry, Arthur L., 135, 153, 245, 257, 627, 1145
Bartholomew, William R., 271
Barton, Lesley J., 422
Baselski, Vickie S., 406
Baumgarten, Alexander, 345
Beaty, B. J., 577
Beaucage, C. M., 570
Behan, Kathleen A., 756
Benes, Solomon, 847
Benfield, David A., 186
Berdal, Bjørn P., 452, 794
Berman, Marjorie, 632
Bernard, Edward M., 545
Bettelheim, Karl A., 555
Biberstein, Ernst L., 798
Bigelow, Judy, 153
Bille, Jacques, 968
Binder, Perry S., 676
Birch-Andersen, Aksel, 1127
Bishop, Ruth F., 724, 731
Black, W. A., 281
Blacklow, Neil R., 595
Blahy, Olga M., 295
Blake, Paul A., 195
Blank, Henry F., 953
Blaser, Martin J., 291
Blech, Robert, 885
Bodey, Gerald B., Sr., 46
Bond, Walter W., 957
Bopp, Cheryl A., 808
Boraker, David K., 141
Botti, John J., 558
Bourgeau, G., 747
Boutin, Brenda K., 504
Bowdre, J. H., 168
Bowman, M. Nancy, 826
Boyd, Deborah A., 840
Bradbury, Janet M., 314
Bradford, Henry B., 129
Bradley, Daniel W., 957
Brake, Bonnie J., 979
Brandt, Carl D., 478
Bratthall, Douglas, 766
Brayton, Phyllis R., 1110
Brenner, Don J., 319, 432
Bridge, Janis A., 1061
Brogden, Brenda E., 1025
Brokopp, Charles D., 266
Brown, A., 230
Brown, K. L., 577
Brown, Stuart E., III, 103
Bruce, Sandra K., 856
Brummer, Elmer, 209
Brunton, James L., 826
Buchanan, Alfred G., 761
Bucher, D. J., 813
Bucher, Doris, 115
Buckley, Helen R., 901
Buening, Gerald M., 641
Burke, Donald S., 1034
Butler, W. R., 1106

Caldwell, Karen E., 307
Campbell, Douglas, 8
Campos, Joseph M., 295
Canawati, Hanna N., 218
Cano, Luz Elena, 209
Capitolo, Cheryl, 96
Carlone, George M., 1157
Carlson, Barbara A., 63
Carlson, Larry G., 590
Castellano, Gabriel A., 878
Caswell, Prudence, 469
Caul, E. O., 377
Caul, E. Owen, 803
Cerini, Costantino P., 115
Chaicumpa, Wanpen, 1086
Chan, Edward L., 213
Chappell, W. Adrian, 253
Cheasty, T., 1000
Chen, Kirk C. S., 909
Chernesky, Max, 205
Chesnut, Shelby, 46
Cheung, Eileen Y., 562
Chityothin, Oralak, 1086
Chonmaitree, Tasnee, 568
Clare, Debra A., 715
Clark, Edna, 632
Clarridge, Jill E., 236
Clegg, Steven, 174
Cleveland, Patrick H., 676
Coates, Stephen R., 1117
Cody, Carolyn S., 111
Colwell, Rita R., 1110
Concepcion, Nelydia F., 350
Confer, Anthony W., 1123
Copley, John B., 1102
Corlett, Cynthia, 250
Corstvet, Richard E., 1123
Cotton, Jerry L., 245
Cox, Robert L., 107
Crawford, John A., 483
Crawford, S., 299
Cruce, Donna D., 483
Cryz, S. J., Jr., 41
Culbertson, Nancy J., 909

Dalton, Harry P., 521
D'Amato, Richard F., 632
Dankert, J., 744
Davis, Betty R., 319
Davis, G. H. G., 417
Dawson, Chandler R., 895
Dawson, Jean E., 874
Day, N. P., 1000
de Bedout de G., Catalina, 209
Dees, S. B., 779
DeGirolami, Paola C., 566
de Harven, Etienne, 545
de la Maza, Luis M., 86, 1030, 1137
Deyoe, Billy L., 641
DeYoung, Donald R., 400
Dezfulian, Manuchehr, 770
D'Haene, Michel, 739
DiFederico, Judith D., 1025
Digori, Joanne T., 868
Disharoon, Dale R., 676
Dismukes, William E., 408
Dober, L. G., 395
Dodd, Everett D., 573
Dodson, Nancy D., 1057
Doern, Gary V., 92, 595, 1025, 1048
Dolan, Colleen, 575
Douglas, Steven D., 111
Dowell, V. R., Jr., 224, 948, 962, 1066
Duffield, Lenora, 427

Earls, Jane E., 1025
Ebert, James W., 957
Ebina, Takusaburo, 727
Echeverria, Peter, 1086
Edelstein, Paul H., 697, 1061
Edwards, Fitzroy, 545
Edwards, John E., Jr., 1080
Elder, Bonnie L., 141
Elder, E. M., 230
Ellen, Richard P., 766
Elliott, Luanne H., 704
Eng, Jan, 794, 890
Eng, Robert H. K., 868
Eskenazy, M., 276
Evans, Brigitte K., 644
Evans, Dolores G., 174
Evans, Doyle J., Jr., 174
Evans, Robert J., 599
Ezaki, Takayuki, 844

Fagnant, Joan E., 926
Fahnestock, Margaret L., 329
Fainstein, Victor, 46, 536
Fales, W. H., 193
Fales, William H., 641
Falkler, W. A., Jr., 395
Falkow, Stanley, 129
Fan, Yuan-Da, 123
Farmer, J. J., III, 266, 775
Farshy, Carol E., 483
Feeley, John C., 483
Feingold, David S., 686
Fekety, F. Robert, 464
Ferraro, Mary Jane, 1091
Fischer, Harald E., 536
Fischer, Robert A., 595
Fives-Taylor, Paula M., 141
Fletcher, Mary A., 307
Flournoy, D. J., 573
Fojtasek, Marvin F., 403
Forgacs, Pierre, 575
Forrer, Christine B., 295
Fothergill, Judith, 832
Fox, Joan M. K., 663
Fox, Virginia L., 763
Fraga, Annemarie M., 334
Frame, Barbara, 205
Francisco, Maryalice, 99
Frasch, Carl E., 240
French, Morris L. V., 709, 1007
Friedly, Gary, 1030, 1137
Friedman, Harvey M., 295
Fromtling, Robert A., 408
Fuertes, Antonio, 737
Fujita, Norman K., 1080
Fukazawa, Yoshimura, 22
Fulton, Robert W., 495
Fung, Joan C., 632
Fürer, E., 41

Gallagher, M., 115
Gallo, Dana, 763
Gantz, Nelson M., 595
Garcia, Doris, 205
Garrity, G. M., 230
Gary, William G., Jr., 15
Gaul, Susan K., 495
Gavan, Thomas L., 135, 153, 250
Gehle, Warren D., 82
Gemmell, C. G., 874
Genta, V. M., 168
Gentry, Martha J., 1123
George, Harvey, 575
Gerber, Paul, 878
Germanier, R., 41
Gershon, Anne A., 373
Gibbons, William E., Jr., 8
Gibson, Thomas R., 1080
Giebink, G. Scott, 63
Gilmore, Donna S., 856, 865
Goldstein, Jack, 632
Good, Robert C., 1003
Graham, M. B., 395
Granade, Timothy C., 1043
Grangeot-Keros, Liliane, 200
Gray, Ernest D., 63
Green, Jon A., 413
Greene, G., 758
Greenham, Leighton W., 803
Greenwood, J. R., 861
Gröschel, Dieter H. M., 772
Gross, R. J., 432, 1000
Guerrant, Gordon O., 355
Guerrant, Richard L., 103
Gundersen, C. B., 577
Gunning, Hans, 562
Guthrie, Rufus K., 236

Halonen, Pekka E., 920
Hambie, Edith A., 286
Hammond, Gregory W., 53
Hampton, Kenneth D., 531
Hanna, Lavelle, 895
Hanna, Paul, 861
Hardegger, Ursula, 1096
Hasbargen, James, 1102
Hasegawa, Ayako, 387
Hasyn, John J., 901
Hawkey, Peter M., 422
Hawkins, B., 758
Hayduk, S. W., 395
Hazelton, Paul R., 53
Head, Carol B., 615
Heiner, Douglas C., 350
Helstad, Arlan G., 398
Hemmilä, Ilkka A., 920
Hendry, R. Michael, 324, 329
Hennessy, J. N., 281
Henrik-Nielsen, Regitze, 1127
Hensel, Diane, 905
Herlich, Michael B., 99
Herring, Alan J., 473
Hess, J., 744
Hess, W. R., 650
Hickman, Frances, 991
Hierholzer, John C., 15
Hildreth, S. W., 577
Hitzig, Walter H., 821
Hnatko, Stephen I., 562
Hockey, Lisa J., 1080
Hoffmann, Steen, 443
Hollis, D., 779
Hollis, Dannie G., 821
Holloway, Y., 744
Holmes, Ian H., 724
Holmes, King K., 909
Honda, Takeshi, 60, 734
Hopfer, Roy L., 46, 536
Hoppe-Bauer, J. E., 525
Horgan, Susan M., 627
Horikawa, Yoshiya, 542
Horsman, Gregory, 53
Horstmann, Dorothy M., 644
Horton, Kimberly A., 406
Hovind-Hougen, Kari, 1127
Hsu, Ta-Chuan, 692
Huang, T. S., 650
Hudzinski, June A., 775
Hunter, Elizabeth F., 483

Ikeda, Reiko, 22
Iltis, Jeffrey P., 878
Imbesi, Franca, 552
Indiveri, Mary, 1057
Inglis, Neil F., 473
Ingram, David L., 656
Inouye, Sakae, 387
Insel, Richard A., 350
Ishida, Nakao, 727
Iwanaga, Masaaki, 742

Jamnback, T. L., 577
Janssen, David, 398
Jawetz, Ernest, 895
Jeffries, Barbara C., 478
Jennings, B. R., 406
Jerz, Maureen E., 1091
Jimenez, Enes M., 856
John, T. Jacob, 549
Johnson, Clifford H., 504
Johnson, J. E., 299
Johnson, Karl M., 704
Joldersma, W., 744
Jones, Robert B., 709
Jones, Robert L., 641
Jones, Ronald N., 135, 153, 245
Jorgensen, J. H., 299
Jorgensen, James H., 587, 1155

Kalish, G., 813
Kane, Julius, 943
Kaper, James B., 129
Kapikian, Albert Z., 727
Karr, D. E., 779
Kasian, Gordon F., 622
Kauffman, Peter E., 504
Kaufman, Leo, 22
Kaviti, J. N., 742
Kawakami, Keiji, 604
Keating, M. A., 525

Kelly, Michael T., 403
Kemp, Maurice C., 15
Kenny, George E., 909
Keski-Oja, Jorma, 391
Keville, Mary W., 92
Khan, M. W., 115, 813
Kharsany, A. B. M., 1
Kiehn, Timothy E., 96, 545
Kilbourne, E. D., 813
Kilbourne, Edwin D., 115
Kilburn, J. O., 1106
Kim, Hyun Wha, 478
Kim, Yehum, 382
King, Margaret W., 715
Kissling, Jane, 1091
Kleeman, Karl T., 341
Klein, George C., 756
Kloos, Wesley E., 509
Knapp, Joan S., 909
Koch, Lynn W., 754
Kodaka, H., 948, 962
Koelle, Margot, 271
Kohler, Richard B., 1007
Koliomichalis, Maria P., 593
Konno, Tasuke, 727
Kono, Reisaku, 387
Konstantinov, G., 276
Koul, A. K., 813
Kouri, Yamil, 205
Kraiselburd, Edmundo, 205
Kronvall, Göran, 784
Kudoh, Yasuo, 319
Kuno, Goro, 851
Kuo, Cho-Chou, 4
Kutsuzawa, Toyoko, 727
Kwan, Carol, 427

Lally, Richard T., 663
Lambert, M. A., 355
Lapworth, Mary A., 709
Larsen, Sandra A., 286
Lastra, M., 988
Latif, Zuhair, 307
Lauer, Brian A., 411
Lavery, Carol, 205
Lawton, William D., 754
Le, Chinh, 878
Lebrun, Léa, 200
Lecce, James G., 715
Le Cras, Debra V., 599
Le Frock, Jack L., 99
Legakis, Nicholas J., 458
Leland, Diane S., 709
Lema, M., 230
Lentino, Joseph R., 1019
Lillie, Madeline Ambrus, 111
Liska, Sally L., 483
Lombard, G. L., 224, 948, 962, 1066
Lorenz, Robert P., 558
Lorian, Victor, 70, 382
Lövgren, Timo N.-E., 920
Lucia, Barbara, 632
Luechtefeld, Nancy W., 291
Luna, Mario P., 536
Lynch, Judy R., 521

Mabeck, Carl E., 443
MacLowry, James D., 700
Madden, David L., 1012
Madoff, Sarabelle, 566
Madsen, Randall D., 1117
Maeland, Arild, 890
Maiatico, Anita L., 295
Malik, Ghaus M., 218
Manning, Paul A., 552
Marcove, Ralph C., 545
Marier, Robert L., 123
Marrie, Thomas J., 427
Martin, Tom, 622
Mathias, R. G., 281
Matsuno, Shigeo, 387
Maynard, J. E., 973
Maynard, James E., 957
Mayrand, D., 747
McAdaragh, John P., 186
McBride, Paul T., 413
McCarthy, Laurence R., 250
McCaustland, Karen A., 957
McClatchey, Kenneth D., 673
McClenaghan, Margaret, 314
McCormack, William M., 847
McCormick, Joseph B., 704
McCoy, Edna L., 181
McDonnell, Christine, 668
McDougal, Douglas L., 197
McGeary, Scott A., 350
McIntosh, Kenneth, 324, 329
McMyne, P. M. S., 281
McNabb, Scott J. N., 573
Meegan, James M., 644
Mehta, Pankaj D., 985
Meier, Michael, 826
Mendoza, Luis F., 991
Menzies, James D., 473
Merino, Martha, 798
Metcalfe, Roger V., 555
Metzger, Howard M., Jr., 686
Meurman, Olli H., 920
Meyer, Margaret E., 641
Miller, Lindy Tuppie, 584
Milligan, Edward, 123
Mills, Karen, 536
Mirrett, Stanley, 107, 437, 490
Mitchell, Thomas G., 341
Miwatani, Toshio, 60, 734
Mocca, Louis F., 240
Mok, W. Y., 976
Montgomerie, John Z., 218, 856, 865, 1080
Moore, Ron, 186
Mori, Kenji, 742
Morrow, James W., 856
Moss, C. W., 779
Moss, C. Wayne, 355, 1073
Mukoyama, Atsushi, 387
Muldrow, L. L., 637
Mullally, Rebecca L., 286
Murray, P. R., 525
Murray, Patrick R., 982, 1152
Myhre, Stein, 452

Nachamkin, Irving, 521
Nadler, Harriette, 575
Nations-Shields, Marilyn, 103
Naumova, F., 276
Newman, Joseph T., 751
Newman, Paul R., 1123
Ngui-Yen, John H., 832
Nicholson, Bruce L., 469
Niles, Ann C., 982, 1152
Nisalak, Ananda, 1034
Noble, Michael A., 427
Noriega Antonio R., 737
Nunez-Montiel, O. L., 637

Oberhofer, Thomas R., 581
O'Brien, M., 417
Ogra, Pearay L., 164
Ohashi, Makoto, 319
Ojeh, Clement K., 473
Olsvik, Ørjan, 452
Omland, Tov, 452
Onderdonk, A. B., 570
Ordonez, Guido A., 751
Orholm, Marianne, 1127
Osburn, Bennie I., 935
Ota, Margaret, 763
Otero, Joaquín R., 737
Overall, James C., Jr., 413
Oxman, Michael N., 676

Paavonen, Jorma, 391
Padhye, Arvind A., 943
Palenque, Elia, 737
Pan, I. C., 650
Papapetropoulou, Mary, 458
Papavassiliou, John, 458
Papavassiliou, John T., 593
Parker, Douglas S., 595
Parrott, Robert H., 478
Parsons, Linda Malmberg, 8
Patrick, Bruce A., 985
Pearson, Anna W., 656
Pedersen, Jens Oluf, 1127
Pedersen, N. Strandberg, 608
Penner, J. L., 281
Penner, John L., 422
Pepersack, Francine, 739
Perryman, Mary W., 286
Petersen, C. Sand, 608
Peterson, E., 758
Peterson, Ellena M., 86
Peterson, Lance R., 1052
Pettit, Deborah E., 286
Pfaller, M. A., 525
Pickett, M. John, 1157
Pierce, Gloria V., 991
Pierik, Lauren T., 329
Pillot, Jacques, 200
Plorde, James J., 590
Podgore, John K., 581
Polin, Richard A., 111
Polomski, Jacqueline C., 673
Porter, Deborah, 832
Potten, Michael R., 422
Preissner, Carol M., 373

Prescott, J. F., 988
Prior, Richard B., 77, 487
Pronovost, Allan D., 345
Pugashetti, Balappa K., 686

Quall, Charles O., 663
Quinn, Mary L., 1025
Quinnan, Gerald V., Jr., 878

Rajagopalan, M. S., 549
Ramsaroop, U. G., 1
Rannou, Marie-Thérèse, 200
Ratnam, Samuel, 615
Rawls, W. E., 205
Reddy, C. Adinarayana, 334
Redfield, David C., 676
Reller, L. Barth, 107, 291, 437, 490
Renshaw, Earl C., Jr., 197
Restrepo, Angela, 209
Reynolds, Homer S., 1148
Reynolds, Stanley M., 836
Richman, Douglas D., 676
Riddlesberger, Kate R., 164
Rinaldi, Michael G., 181
Rippe, Delfin F., 1117
Robbie, Lois I., 1048
Roberts, Glenn D., 400, 965, 968
Roberts, Nell C., 129
Robertson, E. Arthur, 700
Robertson, J. A., 959
Robins-Browne, R. M., 1
Robson, Jill, 250
Rodak, L., 34
Rodger, Suzanne M., 724
Rodriguez, William J., 478
Rose, Harold D., 775
Rosendal, Søren, 840
Rotrosen, Daniel, 1080
Rowe, B., 432, 1000
Rubin, Lorry G., 770
Ruch, Frank E., Jr., 145
Rummage, John A., 1123
Ruoff, Kathryn L., 1091
Russek, Estelle, 1110
Rytel, Michael W., 1019

Saez, Liseti, 307
Saito, Hajime, 542
Saito, Yuzuru, 387
Sakazaki, Riichi, 319
Samuels, J. W., 1073
Sanders, Christine C., 926
Sanders, Gerald E., 195
Sanders, W. Eugene, Jr., 926
Sapico, Francisco L., 218
Sato, Katsumasa, 542
Sauer, Karen T., 103
Sawaya, Georga A., 77
Schable, C. A., 973
Schaffer, Frederick L., 953
Schaper, Pamela J., 1052
Schell, Ronald F., 99
Schick, Donald G., 856, 865
Schmidt, Nathalie J., 763
Schmitz, Herbert, 361
Schoutens, Elisabeth, 739
Seger, Reinhard A., 821
Selby, L. A., 193
Seriwatana, Jitvimol, 1086
Sever, John L., 1012
Sewell, Charles M., 236
Shadomy, H. Jean, 408
Shadomy, Smith, 213, 408
Shaffer, Marilynne H., 573
Shah, Dhirendra B., 504
Shanholtzer, Carol J., 1052
Shapshak, Paul, 350
Shayegani, Mehdi, 8
Sheehy, R. J., 637
Shekarchi, Isabel C., 1012
Sheth, Neela K., 775
Shields, David S., 103
Shimada, Toshio, 319
Shinoda, T., 1073
Shinoda, Takako, 22
Shotts, Emmett B., 692
Sibley, T. K., 525
Silcox, Vella A., 1003
Sillars, Helen, 555
Silva, Joseph, 464
Simpson, Terry F., 495
Slaney, Leslie A., 826
Slots, Jørgen, 1148
Smalley, David L., 564
Smith, H., 813
Smith, Harry L., Jr., 319
Smith, John A., 832
Smith, Lisette, 145
Smith, Sharon M., 868
Smith, Thomas F., 191, 303, 373
Snitzer, Judith B., 1061
Snodgrass, David R., 473
Soenarto, Yati, 731
Soergel, Marjorie E., 953
Sonnenwirth, Alex C., 82, 971
Sornchai, Chatchai, 734
Spagna, Vincent A., 77, 487
Speller, David C. E., 422
Spencer, Harrison C., 15
Spiegel, C. A., 395
Spika, John S., 63
Spohr, Marlene, 885
Stead, Stanley, 622
Steigerwalt, Arnold G., 432
Steinberg, Sharon P., 373
Stemke, G. W., 959
Stephens, Mary, 422
Stephens, Richard S., 4
Stevens, David A., 209
Stockman, Leslie, 965, 968
Stone, Marvin J., 751
Stotz, Ivan, 186
Suggs, Donna M., 656
Sullivan, Nadine M., 1096
Sun, Martha S., 164
Sutherland, Shelley S., 599
Sutter, Vera L., 245
Suzuki, Hiroshi, 727
Suzuki, Shoichiro, 844
Swenson, Jana M., 245, 1003

Tacket, Carol O., 195, 991
Takeda, Yoshifumi, 60, 734
Tam, Milton R., 4
Tarrand, Jeffrey J., 772
Teglbjærg, Peter Stubbe, 1127
Tekelieva, R., 276
Tenney, James H., 107, 437
Thaysen, Eigil Hess, 1127
Thomas, Linda V., 1000
Thompson, J. Stephen, 30
Thompson, Terry A., 202
Thomson, Richard B., Jr., 191, 303
Thormar, Halldor, 985
Thornsberry, Clyde, 135, 153
Thrupp, L., 758
Thygeson, Phillips, 895
Tillman, Philip C., 1057
Tirapat, Chalard, 1086
Tisdall, Philip A., 400
Toussaint, Charles, 739
Traub, Walter H., 885
Treleaven, Beatrice E., 197
Treuhaft, Mary W., 995
Truant, Allan L., 568
Tselenis-Kotsowilis, Angelina D., 593
Tsukamura, Michio, 604
Tsurukubo, Yoshito, 387

Uchiyama, N., 758
Ussery, Michael A., 1034

Vadas, Laszlo, 686
Valadez, Manuel J., 1157
Varki, Nissi M., 659
Vejlsgaard, René, 443
Vicker, R. M., 230
Violand, Shirley A., 341
Vonderfecht, Steven L., 935
Vujcic, Luba K., 878

Wadke, Manohar, 668
Wallace, Richard J., Jr., 1003
Waltman, W. Douglas, II, 692
Waluschka, Alexander, 382
Wanderlinder, L. M., 224
Wang, Wen-Lan L., 107, 291, 437, 490
Ward, Joel I., 350
Ward, Leslie A., 1012
Ward, Robert M., 558
Wasilauskas, Benedict L., 531
Watanabe, Takashi, 542
Wathen, H. Gail, 432
Weaver, Robert E., 821
Webber, J. J., 193
Weinstein, Melvin P., 437, 490

Weinstein, Robert A., 266
Weissfeld, Alice S., 82, 971
Welch, David F., 905
Welliver, Robert C., 164
Wells, Joy G., 808
West, Ann, 427
West, Paul A., 1110
Westfall, L. M., 525
Wetkowski, Maryellen A., 86
Whaley, D. N., 224, 1066
White, Lendell A., 253
Whittington, William, 286
Whitty, Deborah A., 615
Wilkins, Tracy D., 1096
Wilkinson, Hazel W., 202, 979
Wilson, Edward, 1007
Wilson, Jan, 562
Wilson, Kenneth H., 464
Wilson, Walter R., 303
Winn, Dean F., 181
Wolfshohl, Jana F., 509
Wolvin, B., 758
Wong, Brian, 545
Wong, David T., 164
Wong, Lester K., 627
Wood, Janet C., 1030, 1137
Woode, Gerald N., 495
Woodward, Barton C., 367
Woolfrey, Bert F., 663
Wüst, Jürg, 1096

Yeh, Tze-Jou, 413
Yolken, Robert H., 770
Yong, David C. T., 30
Young, Edward J., 236

Zartarian, Minas, 1030
Zierdt, C. H., 266
Zierdt, Charles H., 517, 700, 1102
Zimmerman, Sarah E., 1007

SUBJECT INDEX

VOLUME 16

Abscess
  gluteal
    P. hoffmannii, 181
Achromopeptidase
  anaerobic gram-positive coccal lysis, 844
Acinetobacter calcoaceticus
  biovar *anitratus*
    bacteriuria, 443
  biovar *lwoffi*
    bacteriuria, 443
Acridine orange stain
  P. carinii, 191
Actinomycetes
  thermophilic
    dust, 995
Adenovirus
  type 39, 15
Aerobes
  antibiotics, 890
  hypertonic broth, 890
Aeromonas hydrophila
  API ZYM system, 692
  enzymes, 692
African swine fever
  antibodies, 650
  indirect immunoperoxidase plaque staining, 650
Agar
  Mueller-Hinton
    coagulase-negative staphylococci, 1155
  thiosulfate-citrate-bile salts-sucrose
    Vibrio, 1110
Agglutinins
  cross-reacting
    Brucella, 756
    dithiothreitol, 756
    F. tularensis, 756
Amikacin
  disk diffusion testing
    M. chelonei, 1003
    M. fortuitum, 1003
Amino acid decarboxylases, 909
Aminoglycosides
  broth microdilution testing, 663
  P. aeruginosa, 663
Anaerobes
  Anaerobe-Tek system, 1066
  gelatinase, 224
  high-performance liquid chromatography, 355
  medium, 1066
  Minitek system, 673
  phenylacetic acid, 747
  prereduced anaerobically sterilized medium, 570
  Presumpto plate system, 1066
  short-chain acids, 355
  susceptibility testing, 1152
Anaerobe-Tek system
  anaerobes, 1066
  medium, 1066
Anaerobic susceptibility testing
  incubation conditions, 1152
Antibiotics
  abnormal bacterial morphology, 382
  aerobes, 890
  hypertonic broth, 890
  range of activity
    viable count, 70
Antibiotic susceptibility testing
  gentamicin, 784
  quality control, 784
Antibodies
  African swine fever, 650
  C. botulinum, 770
  C. immitis, 1030
  coronavirus, 34
  Epstein-Barr virus, 361
  group B streptococci, 145, 350
  heterophile
    infectious mononucleosis, 307
  influenza virus, 115, 813
  Japanese encephalitis virus, 1034
  L. pneumophila, 202
  L. pneumophila serotype 1, 555
  monoclonal
    influenza virus, 763
  P. micros, 395
  rubella virus, 644, 1117
  S. minnesota Re, 276
  T. gondii, 341, 751
  Toxoplasma, 367
  varicella-zoster virus, 373
Antibody capture immunoassay
  Japanese encephalitis virus antibodies, 1034
Anticomplement immunofluorescence test
  varicella-zoster virus antibodies, 373
Antigens
  cell surface
    V. cholerae, 41
  circulating free
    staphylococci, 1019
  C. neoformans, 22
  complexed
    staphylococci, 1019
  cryptococci, 965
  cytoplasmic
    C. albicans, 46
  fimbrial
    S. sanguis, 141
  Formalin-killed
    L. pneumophila serogroup 1, 979
  group B streptococci, 656
  heat-killed
    L. pneumophila serogroup 1, 979
  herpes simplex virus, 205
  H. influenzae type b, 905
  rotavirus, 495
  streptococcal, 86
  surface
    hepatitis B virus, 549
    L. pneumophila, 230
  T. pallidum, 483

Antimicrobial susceptibility testing
agar overlay disk diffusion
quality control, 1145
H. influenzae, 832
API 20S system
alpha-hemolytic streptococci, 521
beta-hemolytic streptococci, 92
API STAPH-IDENT system
staphylococci, 509
API Staph system
coagulase-negative staphylococci, 874
API ZYM system
A. hydrophila enzymes, 692
Arginine dihydrolase system, 909
Autobac 1 system
urine specimens, 668
AutoMicrobic system
Enterobacteriaceae-Plus Biochemical Cards, 257
urine specimens, 668
yeasts, 901
Azlocillin
P. aeruginosa, 135

BACTEC system
bacteremia, 590
blood culture inoculation, 590
Bacteremia
atmosphere of incubation, 437
BACTEC system, 590
centrifugation, 99
C. neteri sp. nov., 775
concomitant fungemia, 1080
E. coli, 174
filtration, 99
hypertonic sucrose medium, 490
supplemented peptone broth, 437, 490
Bacteria
gram-negative
distinguishing from gram-positive, 1157
gram-positive
automated identification, 1091
distinguishing from gram-negative, 1157
Bacteriocins
E. cloacae, 885
Bacteriuria
A. calcoaceticus
biovar *anitratus*, 443
biovar *lwoffi*, 443
Limulus amoebocyte lysate assay, 587
MS-2 system, 250
Bacteroides
black-pigmented
long-wave UV light fluorescence, 1148
Bactogen
H. influenzae type b antigens, 905
Biken test
E. coli enterotoxins, 60
Botulism
C. botulinum, 770
Brachyspira aalborgi gen. nov., sp. nov.
intestinal spirochetosis, 1127
British Columbia
C. jejuni, 281
Broth microdilution testing
aminoglycosides, 663
P. aeruginosa, 663

Brucella
cross-reacting agglutinins, 756
Brucella abortus
biotype 1, 641
biotype 2, 641
cattle, 599
complement fixation test, 599
cow, 641
indirect hemolysis test, 599
Brucella suis
suppurative lymphadenitis, 575
Brucellosis
Coombs test, 737

California encephalitis virus
capture immunoglobulin M enzyme immunoassay, 577
Calves
rotavirus immunity, 935
Campylobacter fetus subsp. *jejuni*
incubation at 35°C, 398
incubation at 42°C, 398
Campylobacter jejuni
British Columbia, 281
CampyPak II, 291
candle jars, 291
5% oxygen, 291
peritonitis, 739
selective medium, 808
serotyping, 281
trimethoprim, 808
CampyPak II
C. jejuni, 291
Cancer
C. albicans cytoplasmic antigens, 46
Candida albicans
cancer, 46
cytoplasmic antigens, 46
enzyme-linked immunosorbent assay, 46
Candidiasis
gas-liquid chromatography, 123
mannose, 123
Candle jars
C. jejuni, 291
Capnocytophaga
cellular fatty acids, 779
Cats
group G streptococcal epizootic, 1057
Cattle
B. abortus, 599
coronavirus antibodies, 34
M. bovis keratoconjunctivitis, 193
Cedecea neteri sp. nov.
bacteremia, 775
Cefotaxime, 213
Centrifugation
bacteremia, 99
Cerebrospinal fluid
bacterial meningitis, 531, 758
H. influenzae type b antigens, 905
Japanese encephalitis virus antibodies, 1034
Cervicitis
gonococcal
Limulus amoebocyte lysate assay, 77
Chemiluminescent immunoenzymatic assay
viral infections, 345

Chlamydia trachomatis
cultivation and isolation, 847
immunofluorescence, 4
inclusions, 4
untreated MMC-E mouse epithelial cells, 391
volunteer responses, 895
Chorioamnionitis
lactobacilli, 558
Chronic granulomatus disease
gram-negative bacterium, 821
septicemia, 821
Clostridium botulinum
antibodies, 770
botulism, 770
toxin, 770
Clostridium difficile
antibiotic-associated diarrhea, 659
colitis, 659
extracellular gene pool, 637
fluorescent-antibody test, 464
Clostridium perfringens
reverse CAMP test, 761
CM Bio-Gel A chromatography
T. gondii antibodies, 751
Coagulase
staphylococci, 236
Coccidioides immitis
antibodies, 1030
complement fixation test, 1030
Colitis
antibiotic-associated, 1096
C. difficile, 659
Competitive binding radioimmunoassay
hepatitis B virus, 973
Complement
C3
quantitative immunofluorescence, 271
radial immunodiffusion, 271
C4
quantitative immunofluorescence, 271
radial immunodiffusion, 271
Complement fixation test
B. abortus, 599
C. immitis antibodies, 1030
M. pneumoniae, 794
Conjunctivitis
nontypable *S. pneumoniae*, 8
Continuous ambulatory peritoneal dialysis
C. jejuni peritonitis, 739
Coombs test
brucellosis, 737
Coronavirus
antibodies, 34
cattle, 34
enzyme-linked immunosorbent assay, 34
radioimmunoassay, 34
Corynebacterium equi
Magnusson
equi factors, 988
Corynebacterium pyogenes
nutritional requirements, 334
Cow
B. abortus, 641
Cryptococci
antigens, 965
latex test, 965
Cryptococcus neoformans
antigens, 22
serotype B/C, 408
serotyping, 22
Cultures
blood
aerobes, 890
anaerobes, 673
atmosphere of incubation, 437
bacteremia, 437, 490, 590
direct susceptibility testing, 96
filamentous fungi, 968
fungemia, 437, 490
hypertonic sucrose medium, 490
lysis-centrifugation, 403
M. chelonei, 403
S. aureus, 1048
slide, 525
standard susceptibility testing, 96
streptococcal antigens, 86
supplemented peptone broth, 437, 490
yeasts, 968
cell
dengue virus, 851
rotavirus, 727
Cytopathic effect reduction assay
interferon, 413
Cytospin centrifuge
Gram stain smears, 1052

Debaromyces hansenii
bone infection, 545
Dengue virus
polyploid mosquito cell culture, 851
serum-free medium, 851
Density gradient
potassium tartrate-glycerol substrate, 377
viral separation, 377
Diarrhea
antibiotic-associated
C. difficile, 659
pigs
E. coli, 715
rotavirus, 715
rotavirus, 724, 731
V. fluvialis, 991
Direct ultracentrifugation
rotavirus, 53
Disk diffusion testing
amikacin
M. chelonei, 1003
M. fortuitum, 1003
polymyxin
M. chelonei, 1003
M. fortuitum, 1003
Dithiothreitol
cross-reacting agglutinin reduction, 756
DNA
modification
V. cholerae, 552
restriction
V. cholerae, 552

DNA relatedness
Shigella serotypes, 432

Ebola virus
gamma irradiation, 704
Electron microscopy
direct
rotavirus, 562
rotavirus, 53
Electrophoresis
rotavirus genome RNA, 731
Elek test
E. coli enterotoxins, 60
Enterobacter cloacae
bacteriocins, 885
Enterobacteriaceae-Plus Biochemical Cards
AutoMicrobic system, 257
Enterotoxins
dried filter paper samples, 103
gene probes
enterotoxigenic *E. coli*, 1086
heat-labile
E. coli, 60, 504
V. cholerae, 504
heat-stable
E. coli, 60
paired whole milk samples, 103
Enzyme immunoassay
capture immunoglobulin M
California encephalitis virus, 577
La Crosse virus, 577
direct
rotavirus, 53
indirect
rotavirus, 53
Enzyme immunofiltration technique
herpes simplex virus, 676
Enzyme-linked immunosorbent assay
C. albicans cytoplasmic antigens, 46
group B streptococcal antibodies, 350
immunobead
immunoglobulin A in saliva, 766
infectious pancreatic necrosis virus, 469
influenza virus antibodies, 115, 813
microsticks, 1012
photometers, 168
Reiter treponeme flagellum antibodies, 608
respiratory syncytial virus, 324, 329
rubella virus antibodies, 644
S. minnesota Re antibodies, 276
S. sanguis fimbrial antigens, 141
staphylococcal antigens, 1019
syphilis, 483
T. gondii antibodies, 341
Toxoplasma antibodies, 367
T. pallidum antigens, 483
type 3 pneumococcal capsular polysaccharides, 63
varicella-zoster virus, 878
V. cholerae cell surface antigens, 41
Enzymes
A. hydrophila, 692
P. maltophilia, 417
P. paucimobilis, 564

Epstein-Barr virus
antibodies, 361
Erythrocytes
hemagglutinins
passive hemagglutination assay, 1117
Escherichia coli
bacteremia, 174
enterotoxigenic
Biken test, 60
Elek test, 60
enterotoxin gene probes, 1086
filter hybridization, 1086
enterotoxins
heat-labile, 60, 504
heat-stable, 60
hemagglutination type VI fimbriae, 174
hemolytic enteropathogenic
weanling diarrhea of pigs, 715
solid-phase sandwich radioimmunoassay, 504
Exophiala werneckii, 976

Fatty acids
cellular
Capnocytophaga, 779
yeasts, 1073
hydroxy acids, 584
methyl esters, 584
Fc receptors
streptococci, 200
Filter hybridization
enterotoxigenic *E. coli*, 1086
Filtration
bacteremia, 99
Fimbriae
hemagglutination type VI
E. coli, 174
Flagella
bacterial, 948
Fluorescent-antibody test
C. difficile, 464
Fluorescent antibody to membrane antigen test
varicella-zoster virus, 878
Fluorescent rabies antibody test
rabies virus, 253
Formalin
L. pneumophila serogroup 1 antigens, 979
Francisella tularensis
cross-reacting agglutinins, 756
Fumarate
conversion to succinate
gas-liquid chromatography, 962
Fungemia
atmosphere of incubation, 437
concomitant bacteremia, 1080
hypertonic sucrose medium, 490
supplemented peptone broth, 437, 490
Fungi
filamentous
blood cultures, 968

Gamma irradiation
Ebola virus, 704
Lassa virus, 704
Marburg virus, 704

Gardnerella (*Haemophilus*) *vaginalis*, 30
Gas-liquid chromatography
  candidiasis, 123
  conversion of fumarate to succinate, 962
  hippurate hydrolysis, 962
  mannose, 123
  mycobacteria, 400
  yeast cellular fatty acids, 1073
Gastroenteritis
  rotavirus, 478, 568
  V. parahaemolyticus, 581
  weather, 478
Gelatinase
  anaerobes, 224
Gentamicin
  inhibition zone diameter breakpoints, 784
  Macro-Vue Card Test, 295
  regression line constants, 784
Geriatric wards
  P. stuartii colonization, 422
Gonorrhea
  Limulus amoebocyte lysate assay, 487
Gordona aurantiaca (*Rhodococcus aurantiacus*)
  lung infection, 605
Gram stain
  smears
    cytospin centrifuge, 1052
Griseofulvin
  T. rubrum, 1043

Haemophilus ducreyi, 861
Haemophilus influenzae
  antimicrobial susceptibility testing, 832
  genitourinary tract isolates, 826
  MS-2 system, 832
  respiratory tract isolates, 826
  type b
    antigens, 905
    Bactogen, 905
    cerebrospinal fluid, 905
    Phadebact *Haemophilus* Test, 905
Haemophilus pleuropneumoniae
  serotyping, 840
Haemophilus somnus
  growth requirements, 798
Heat
  L. pneumophila serogroup 1 antigens, 979
Helminths
  larvae
    trichrome stain, 1137
  ova
    trichrome stain, 1137
Hemagglutination inhibition test
  rubella virus antibodies, 644
Hemagglutinins
  erythrocytes
    passive hemagglutination assay, 1117
Hemodialysis
  fluid monitoring, 1025
Hepatitis A virus
  survival after drying and storage, 957
Hepatitis B virus
  antigens
    surface, 549
  competitive binding radioimmunoassay, 973
  passive bacterial agglutination, 549
Herpes simplex virus
  antigens, 205
  enzyme immunofiltration technique, 676
  eye infections, 676
High-performance liquid chromatography
  anaerobes, 355
  short-chain acids, 355
Hippurate
  hydrolysis
    gas-liquid chromatography, 962
Horse erythrocyte glycoprotein-latex test
  infectious mononucleosis heterophile antibodies, 307
Hospitals
  P. aeruginosa serogroup O11, 266
Hypertonic broth
  aerobes, 890
  antibiotics, 890

Immunofixation
  subacute sclerosing panencephalitis
    virus-specific oligoclonal bands, 985
Immunofluorescence
  C. trachomatis inclusions, 4
  destaining
    potassium thiocyanate, 803
  nasopharyngeal secretions, 411
  respiratory syncytial virus, 411
  solid-phase
    L. pneumophila antibodies, 202
Immunoglobulin
  A
    saliva, 766
  G
    pneumococci, 63
    S. minnesota Re, 276
    T. gondii, 751
    Toxoplasma, 367
  M
    Epstein-Barr virus, 361
    Legionnaires disease, 1007
    pneumococci, 63
    Reiter treponeme flagellum, 608
    T. gondii, 751
Immunoprecipitin assays
  group B streptococcal antibodies, 145
Immunorheophoresis
  beta-hemolytic streptococci, 92
Indirect fluorescent-antibody test
  T. gondii antibodies, 341
Indirect hemolysis test
  B. abortus, 599
Indirect immunofluorescence assay
  L. pneumophila serogroup 1 antigens, 979
Indirect immunofluorescence staining
  streptococci, 200
Indirect immunoperoxidase plaque staining
  African swine fever antibodies, 650
Indonesia
  rotavirus, 731
Infectious mononucleosis
  heterophile antibodies, 307
Infectious pancreatic necrosis virus
  enzyme-linked immunosorbent assay, 469

Influenza virus
antibodies, 115, 763, 813
enzyme-linked immunosorbent assay, 115, 813
M protein, 813
neuraminidase, 115
Interferon
cytopathic effect reduction assay, 413
Isoelectric focusing
subacute sclerosing panencephalitis
virus-specific oligoclonal bands, 985

Japanese encephalitis virus
antibodies, 1034
antibody capture immunoassay, 1034
cerebrospinal fluid, 1034

Kanagawa phenomenon
V. parahaemolyticus, 734
Kenya
V. cholerae O1, 742
Keratoconjunctivitis
M. bovis, 193
Kidney disease
alpha-hemolytic streptococci, 1102
Klebsiella
antibiotic resistance, 868
serotypes, 868
Klebsiella pneumoniae
spinal cord injuries, 865

La Crosse virus
capture immunoglobulin M enzyme immunoassay, 577
β-Lactamase
staphylococci, 406
Lactobacilli
chorioamnionitis, 558
endocervical, 926
Lassa virus
gamma irradiation, 704
Latex agglutination test
beta-hemolytic streptococci, 92
group B streptococcal antibodies, 145
rubella virus, 971
rubella virus antibodies, 644
S. aureus, 1048
Latex test
cryptococcal antigens, 965
interference factors, 965
Legionella
extracellular proteases, 452
Legionella pneumophila
antibodies, 202
contaminated specimens
recovery by heat, 1061
coreactivity with *M. pneumoniae*, 794
plasmids, 230
potable water, 697
selective medium, 697
serogroup 1
Formalin-killed antigens, 979
heat-killed antigens, 979
indirect immunofluorescence assay, 979
legionellosis, 979
serotype 1
antibodies, 555
New Zealand, 555
solid-phase immunofluorescence, 202
surface antigens, 230

Legionellosis
indirect immunofluorescence assay, 979
L. pneumophila serogroup 1, 979
Legionnaires disease
immunoglobulin M antibody titers, 1007
Limulus amoebocyte lysate assay
bacteriuria, 587
gonococcal cervicitis, 77
gonorrhea, 487
Lymphadenitis
suppurative
B. suis, 575
Lymphocytes
type III group B streptococci, 111
Lysis
achromopeptidase, 844
anaerobic gram-positive cocci, 844

Macro-Vue Card Test
gentamicin, 295
Mannose
candidiasis, 123
gas-liquid chromatography, 123
Marburg virus
gamma irradiation, 704
Medium
Anaerobe-Tek system
anaerobes, 1066
gelatin agar
gelatinase production, 224
hypertonic sucrose
bacteremia, 490
fungemia, 490
Martin-Lewis
N. gonorrhoeae, 754
methylcellulose
murine leukemia virus, 542
Mycoplasma, 709
New York City
N. gonorrhoeae, 754
prereduced anaerobically sterilized
anaerobes, 570
Presumpto plate system
anaerobes, 1066
primary culture
urine processing, 632
selective
C. jejuni, 808
L. pneumophila, 697
V. parahaemolyticus, 734
Y. enterocolitica, 615
semiselective
M. bovis, 193
serum-free
dengue virus, 851
U. urealyticum, 709
Meningitis
bacterial
cerebrospinal fluid, 531, 758
Methicillin
S. aureus, 218
Micro-Media Systems
anaerobe susceptibility panel, 245
Microsporum equinum
North America, 943
Microsticks
enzyme-linked immunosorbent assay, 1012
MICUR system, 153

Milk
enterotoxins, 103
rotavirus, 103
Minitek system
anaerobes, 673
Monkey kidney cells
rotavirus, 387
Moraxella bovis
keratoconjunctivitis, 193
semiselective medium, 193
Mouse epithelial cells
untreated MMC-E
C. trachomatis, 391
Mouse lung tissue
P. carinii, 303
MS-2 system
bacteriuria, 250
H. influenzae, 832
Murine leukemia virus
methylcellulose medium, 542
plaque assay, 542
Mycobacteria
gas-liquid chromatography, 400
Mycobacterium chelonei
disk diffusion testing
amikacin, 1003
polymyxin, 1003
lysis-centrifugation blood culture, 403
Mycobacterium fortuitum
disk diffusion testing
amikacin, 1003
polymyxin, 1003
Mycobacterium tuberculosis
pyrazinamide, 1106
Mycoplasma
medium, 709
mixed species, 314
Mycoplasma hominis
enumeration, 959
septicemia, 566
Mycoplasma pneumoniae
complement fixation test, 794
coreactivity with *L. pneumophila*, 794

Neisseria gonorrhoeae
Martin-Lewis medium, 754
New York City medium, 754
Neisseria meningitidis
sodium dodecyl sulfate-polyacrylamide gel electrophoresis, 240
Neisseria sicca
osteomyelitis, 595
Neuraminidase
influenza virus, 115
Neutralization test
rubella virus antibodies, 644
New Zealand
L. pneumophila serotype 1 antibodies, 555
North America
M. equinum, 943
Novobiocin
coagulase-negative staphylococci, 1155
Nucleic acid
rotavirus, 473
silver-stained polyacrylamide gels, 473

Osteomyelitis
N. sicca, 595
Oxidase test
oxidase-variable bacteria, 772
5% Oxygen
C. jejuni, 291

Panophthalmitis
V. cholerae, 195
Paracoccidioides brasiliensis, 209
Parainfluenza virus, 164
Passive bacterial agglutination
hepatitis B surface antigens, 549
Passive hemagglutination assay
hemagglutination-sensitized erythrocytes, 1117
rubella virus antibodies, 1117
Pasteurella haemolytica
serotype 1
age-dependent capsular material, 1123
Penicillin
inactivation by Thiol broth, 982
viral isolation, 295
viridans streptococci, 744
Peptostreptococcus micros
antibodies, 395
periodontitis, 395
Periodontitis
P. micros, 395
Peritonitis
C. jejuni, 739
Peroxidase staining
subacute sclerosing panencephalitis
virus-specific oligoclonal bands, 985
Phadebact *Haemophilus* Test
H. influenzae type b antigens, 905
Phenylacetic acid
anaerobes, 747
Phialophora hoffmannii
gluteal abscess, 181
Photometers
enzyme-linked immunosorbent assay, 168
Piglets
rotavirus
cross-protection, 495
Plaque assay
murine leukemia virus, 542
Plasmids
L. pneumophila, 230
Pneumococci
respiratory tract, 1
Pneumocystis carinii
acridine orange stain, 191
mouse lung tissue smears, 303
Pneumonia
new bacterium, 536
Polyacrylamide gels
silver-stained
rotavirus nucleic acid, 473
Polymyxin
disk diffusion testing
M. chelonei, 1003
M. fortuitum, 1003
Polysaccharides
capsular
pneumococci, 63

Potassium tartrate-glycerol
density gradient substrate, 377
viral separation, 377
Potassium thiocyanate
immunofluorescence destaining, 803
PRAS II system
anaerobes, 570
Presumpto plate system
anaerobes, 1066
medium, 1066
Proteases
extracellular
Legionella, 452
Providencia stuartii
geriatric ward colonization, 422
Pseudomonas aeruginosa
aminoglycosides, 663
antibiotic susceptibility, 458
azlocillin, 135
broth microdilution testing, 663
mucoid strains
phenotypic differences, 686
serogroup O11
hospitals, 266
serotypes, 458
spinal cord injuries, 856, 865
Pseudomonas maltophilia
enzymes, 417
Pseudomonas paucimobilis
enzymes, 564
Pyelonephritis
S. xylosus, 593
Pyrazinamide
M. tuberculosis, 1106

Quantitative immunofluorescence
complement components, 271

Rabies virus
fluorescent rabies antibody test, 253
Radial immunodiffusion
complement components, 271
Radioimmunoassay
coronavirus antibodies, 34
solid-phase
Y. pestis antigens, 953
solid-phase sandwich
E. coli heat-labile enterotoxins, 504
V. cholerae heat-labile enterotoxins, 504
Raji cell line
varicella-zoster virus, 878
Rapid plasma reagin card test
syphilis, 286
Reagent quality control
nonmicrobial alternative, 836
Reiter treponeme flagellum
antibodies, 608
enzyme-linked immunosorbent assay, 608
syphilis, 608
Respiratory syncytial virus
enzyme-linked immunosorbent assay, 324, 329
immunofluorescence, 411
nasopharyngeal secretions, 411
virus culturing, 411
Respiratory tract
pneumococci, 1
Reverse CAMP test
C. perfringens, 761
Rotavirus
antigens, 495
cross-protection in piglets, 495
diarrhea, 731
direct electron microscopy, 562
dried filter paper samples, 103
enzyme immunoassay
direct, 53
direct ultracentrifugation, 53
electron microscopy, 53
indirect, 53
gastroenteritis, 478, 568
genome RNA electrophoresis, 731
immunity in calves, 935
Indonesia, 731
monkey kidney cells, 387
neutralization, 495
nucleic acid, 473
paired whole milk samples, 103
Rotazyme test, 562
shedding in adult swine, 186
silver-stained polyacrylamide gels, 473
subgroup 1
cell cultures, 727
subgroup 2
cell cultures, 727
weanling diarrhea of pigs, 715
weather, 478
Rotavirus-like agent
infant diarrhea, 724
Rotazyme test
rotavirus, 562
Rubella
immune status, 82
Rubella virus
antibodies, 644, 920, 1117
enzyme-linked immunosorbent assay, 644
hemagglutination inhibition test, 644
latex agglutination test, 644, 971
neutralization test, 644
passive hemagglutination assay, 1117
time-resolved fluoroimmunoassay, 920

Salmonella enteritidis
serotype Grandhaven, 197
Salmonella minnesota
Re
antibodies, 276
enzyme-linked immunosorbent assay, 276
Septicemia
chronic granulomatous disease, 821
gram-negative bacterium, 821
M. hominis, 566
supplemented peptone broth with sodium polyanetholesulfonate, 107
Trypticase soy broth with sodium amylosulfate, 107
Serotyping
C. jejuni, 281
C. neoformans, 22
H. pleuropneumoniae, 840

Shigella
serotypes
DNA relatedness, 432
Shigella boydii
13
aerogenic strains, 432
new serovar, 1000
Single radial immunodiffusion
immunoglobulin A in saliva, 766
Sodium desoxycholate
T. pallidum antigens, 483
Sodium dodecyl sulfate-polyacrylamide gel electrophoresis
N. meningitidis, 240
Spirochetosis
intestinal
B. aalborgi gen. nov., sp. nov., 1127
Sputum screening, 627
Staphylococci
API STAPH-IDENT system, 509
β-lactamase, 406
circulating free antigens, 1019
coagulase-negative, 236
API Staph system, 874
Mueller-Hinton agar, 1155
novobiocin, 1155
complexed antigens, 1019
enzyme-linked immunosorbent assay, 1019
susceptibility testing, 406
Staphylococcus aureus
latex agglutination test, 1048
long-term carriage in hospital patients, 517
methicillin-resistant, 218
pathogenic potential, 700
Staphylococcus saprophyticus
urinary tract infections, 427
Staphylococcus xylosus
pyelonephritis, 593
Streptococci
alpha-hemolytic
API 20S system, 521
kidney disease, 1102
antigens, 86
beta-hemolytic
API 20S system, 92
immunorheophoresis, 92
latex agglutination test, 92
blood cultures, 86
Fc receptors, 200
group B
antibodies, 145, 350
antigens, 656
enzyme-linked immunosorbent assay, 350
immunoprecipitin assays, 145
latex agglutination test, 145
Wellcogen Strep B latex agglutination test, 656
group G
epizootic in closed cat colony, 1057
indirect immunofluorescence staining, 200
type III group B
lymphocyte proliferation, 111
viridans
penicillin, 744
Streptococcus pneumoniae
nontypable
conjunctivitis, 8
Streptococcus sanguis
enzyme-linked immunosorbent assay, 141
fimbrial antigens, 141
Subacute sclerosing panencephalitis
virus-specific oligoclonal bands
immunofixation, 985
isoelectric focusing, 985
peroxidase staining, 985
Succinate
conversion from fumarate
gas-liquid chromatography, 962
Supplemented peptone broth
bacteremia, 437, 490
fungemia, 437, 490
Supplemented peptone broth with sodium polyanetholesulfonate
septicemia, 107
Susceptibility testing
anaerobes, 1152
direct
blood cultures, 96
standard
blood cultures, 96
staphylococci, 406
Swine
rotavirus shedding, 186
Syphilis
rapid plasma reagin card test, 286
Reiter treponeme flagellum, 608

Thiol broth
penicillin inactivation, 982
Time-resolved fluoroimmunoassay
rubella virus antibodies, 920
Toxins
C. botulinum, 770
Toxoplasma
antibodies, 367
enzyme-linked immunosorbent assay, 367
Toxoplasma gondii
antibodies, 341, 751
CM Bio-Gel A chromatography, 751
enzyme-linked immunosorbent assay, 341
indirect fluorescent-antibody test, 341
Toxoplasmosis
enzyme-linked immunosorbent assay, 367
Treponema pallidum
antigens, 483
enzyme-linked immunosorbent assay, 483
syphilis, 483
Trichophyton rubrum
griseofulvin, 1043
Trichrome stain, 573
helminths
larvae, 1137
ova, 1137
Trimethoprim
C. jejuni, 808
Trypticase soy broth with sodium amylosulfate
septicemia, 107

Urea hydrolysis
V. parahaemolyticus, 581

Ureaplasma urealyticum
enumeration, 959
medium, 709
Urinary tract
S. saprophyticus, 427
UV light fluorescence
long-wave
black-pigmented *Bacteroides*, 1148

Vancomycin
viral isolation, 295
Varicella-zoster virus
antibodies, 373
enzyme-linked immunosorbent assay, 373, 878
fluorescent antibody to membrane antigen test, 878
Raji cell line, 878
Vibrio
thiosulfate-citrate-bile salts-sucrose agar, 1110
Vibrio cholerae
cell-surface antigens, 41
DNA modification, 552
DNA restriction, 552
enterotoxins
heat-labile, 504
enzyme-linked immunosorbent assay, 41
molecular epidemiology, 129
non O1, 319
O1
Kenya, 742
solid-phase sandwich radioimmunoassay, 504
U.S. Gulf Coast, 129
Vibrio fluvialis
diarrhea, 991
Vibrio parahaemolyticus
gastroenteritis, 581
Kanagawa phenomenon, 734
panophthalmitis, 195
selective medium, 734
urea hydrolysis, 581
Virus culturing
nasopharyngeal secretions, 411
respiratory syncytial virus, 411

Wellcogen Strep B latex agglutination test
group B streptococcal antigens, 656

Yeasts
AutoMicrobic system, 901
blood cultures, 968
cellular fatty acids, 1073
Yersinia enterocolitica
selective medium, 615
Yersinia pestis
antigens, 953
solid-phase radioimmunoassay, 953
Yersiniosis, 622